SCOPE OF THE CLAIM

1. A binder resin composition characterized by containing chlorinated propylenic random copolymer with weight average molecular weight of 3000 to 250000, wherein propylenic random copolymer obtained by copolymerizing propylene with other α-olefin in the coexistence of metallocene type catalyst is chlorinated to chlorine content of 10 to 40% by weight, stabilizer and organic solvent.

2. A binder resin composition, wherein the chlorinated propylenic random copolymer of Claim 1 is a carboxyl group-containing chlorinated propylenic random copolymer with weight average molecular weight of 30000 to 220000, graft polymerized with α,β-unsaturated carboxylic acid or its anhydride in amounts of 0 to 20% by weight and then chlorinated to chlorine content of 10 to 40% by weight, or chlorinated to chlorine content of 10 to 40% by weight and then graft polymerized with α,β-unsaturated carboxylic acid or its anhydride in amounts of 0 to 20% by weight.

3. The binder resin composition of Claim 1 or 2, wherein the propylenic random copolymer has a melting point (Tm) measured by differential scanning calorimeter (DSC) of 115 to 165°C.

4. A method of producing binder resin composition of Claim 1 or 2, using the chlorinated propylenic random copolymer, wherein

propylenic random copolymer with melting point (Tm) measured bydifferential scanning calorimeter (DSC) of 115 to 165°C obtained by copolymerizing propylene with other α-olefin in the coexistence of metallocene type catalyst is chlorinated to chlorine content of 10 to 40% by weight, after thermal degradation or without thermal degradation.

5. A method of producing binder resin composition of Claim 4, wherein the chlorinated propylenic random copolymer is a carboxyl group-containing chlorinated propylenic random copolymer graft polymerized with α,β-unsaturated carboxylic acid or its anhydride in amounts of 0 to 20% by weight and then chlorinated to chlorine content of 10 to 40% by weight, or chlorinated to chlorine content of 10 to 40% by weight and then graft polymerized with α,β-unsaturated carboxylic acid or its anhydride in amounts of 0 to 20% by weight.

6. A paint applicable to films, sheets and moldings of polyolefin, poly(vinyl chloride), polycarbonate, PET, ABS and nylon, having the binder resin composition of any of Claims 1 to 3 as an effective component.

7. A printing ink applicable to films, sheets and moldings of polyolefin, poly(vinyl chloride), polycarbonate, PET, ABS and nylon, having the binder resin composition of any of Claims 1 to 3 as an effective component.

8. An adhesive applicable to films, sheets and moldings of polyolefin, poly(vinyl chloride), polycarbonate, PET, ABS and nylon, having the binder resin composition of any of Claims 1 to 3 as an effective component.

9. A heat sealing agent applicable to films, sheets and moldings of polyolefin, poly(vinyl chloride), polycarbonate, PET, ABS and nylon, having the binder resin composition of any of Claims 1 to 3 as an effective component.

10. A primer applicable to films, sheets and moldings of polyolefin, poly(vinyl chloride), polycarbonate, PET, ABS and nylon, having the binder resin composition of any of Claims 1 to 3 as an effective component.